



**CARLETON UNIVERSITY**

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85th Convocation, Fall 1986



1986 Fall Convocation  
Sunday, November 23  
The Opera, National Arts Centre

Convocation at Carleton University .....	3
Order of Proceedings .....	7
Recipients of Degrees, Diplomas, and Certificates .....	9
Medallists in the Graduating Class .....	27
Honorary Degree Recipient.....	28
1986 Scholarship and Award Winners .....	31



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## Convocation at Carleton University

The Convocation ceremony (the calling together of the academic assembly) has its roots in university traditions of medieval Europe.

### The Mace

The mace is a staff symbolizing authority. In the days of knighthood, it was a weapon, but after the 16th century it became solely a symbol of authority carried by a distinguished member of an assembly. It is used on ceremonial occasions to signify the right of an individual or institution to perform a certain function—in the case of universities, to grant degrees.

At Convocation, the mace is carried ahead of the Chancellor as he enters and leaves each ceremony. (Marshal of Convocation H.H.J. Nesbitt has performed this function for all but one of the University's 85 Convocations.) During the ceremony the mace is displayed on a special stand as an embodiment of the authority of the University.

Carleton's mace was presented to the University in 1976 as a gift from the Chairman of the Board of Governors at that time, Mr. Hyman Soloway. It is a silver-plated staff approximately three feet long. At the upper end there is a bowl marked with the University's coat of arms and the University motto in both Latin and English—"Opera Nobis Aeterna" and "Ours the Task Eternal." From the upper portion of the bowl rises a phoenix. Traditional oak leaves surround the lower end of the staff.

### Coat of Arms

Carleton University's coat of arms is described in heraldic terms as follows: "On a field sable; in radiants d'argent, a maple leaf gules charged with an open book; crest—a phoenix propre." It is comprised of a black shield bearing an open book on a red maple leaf surrounded by silver rays. The shield is surmounted by a phoenix, and below the shield is a scroll bearing the motto "Ours the Task Eternal."

The open book on the maple leaf signifies that Carleton University is in the nation's capital and that learning is open to all who wish to partake of it. The radiants are the light of learning. The phoenix, the legendary eternal bird, symbolizes the renewing of learning from older foundations, in recognition of Henry Marshall Tory's role in the founding of the University when he was 82 years old. "Ours the Task Eternal" is taken from a Walt Whitman poem entitled "Pioneers" and ties in with the eternal quality of the phoenix.

And so, the Carleton University coat of arms symbolizes sound learning, good citizenship, and the highest hopes of humanity.

### The Diploma

The diploma the graduates receive at Convocation is the certificate of qualification which publishes the fact that the student has fulfilled all the requirements and completed the prescribed course of study for the degree. As the senior academic legislative body of the University, it is the Senate which has determined whether the requirements have been met. The signatures of both the Chancellor and the President of the University appear on the diploma: the Chancellor because of his role in conferring the degree, and the President who, as Chairman of Senate, certifies that Senate has enacted the required motion to award the degree. The Seal of the University is affixed to the diploma as a mark of authentication.

### Academic Dress

The academic dress of Carleton University is a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code. All three hoods—bachelor's, master's, and doctor's—are of the simple or Oxford shape. Bachelor's is made of black stuff; master's and doctor's are made of black silk and all are lined with silver silk with two chevrons, one of red and one of black. From bachelor's to doctor's the hoods are progressively longer and opened to show more and more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations: architecture—cerise; arts—white; commerce—camel brown; computer science—royal blue; engineering—orange; industrial design—dark cardinal; journalism—white with a black cord sewn slightly in from the lower border; music—venetian pink; public administration—peacock blue; science—golden yellow; social work—cream; and doctor of philosophy—purple.

The bachelor's gown, to be worn with the above hoods, is of full length, made of black stuff, with a gathered yolk behind, and long open-fronted sleeves. The master's gown is of full style, made of black silk or rayon, with full gathered yolk behind, and closed sleeves with an opening at the elbows. The doctoral gown is the same style as the master's, made of fine royal blue cloth with facings of light blue silk.

The gown of the Honorary Doctor of Laws, Literature, Science, and Engineering is a full robe with bell-shaped sleeves, made of fine royal blue cloth with facings and sleeves in light blue silk. The hood is made of the same material as the gown, has the same lining as that for degrees by examination, and is bordered with dark mauve for the degree Doctor of Laws; vibrant blue for the degree Doctor of Literature; red for the degree Doctor of Science; and orange for the degree Doctor of Engineering.

The Presiding Officer of Convocation is the Chancellor,  
The Hon. Gordon Robertson, P.C., C.C., M.A., D.C.L., LL.D., D. de l'Univ., F.R.S.C.

Accompanying him on the podium are Mr. Ross Cruikshank, B.A.Sc., P.Eng.,  
Vice-Chairman of the Board of Governors, and William E. Beckel, B.A., M.Sc., Ph.D,  
President and Vice-Chancellor.

Assisting the Chancellor are:

Herbert H.J. Nesbitt, M.A., Ph.D., Sc.D., D.Sc., F.L.S., F.E.S.C., F.Z.S.  
Professor Emeritus of Biology  
and Marshal of Convocation

Michel Gaulin, M.A., Ph.D.  
Associate Professor of French, Clerk of Senate,  
and Assistant Marshal of Convocation

David C. Coll, M.Eng., Ph.D., P.Eng.  
Professor of Engineering  
and Beadle of Convocation

Kenneth G. McGillivray, B.A., Ph.D.  
Associate Registrar, Faculties of Arts and Social Sciences  
and Beadle of Convocation

Michael B. Thompson, M.A.  
Associate Professor of English  
and Beadle of Convocation

Jill McCalla Vickers, B.A., Ph.D.  
Professor of Political Science and Canadian Studies  
and Beadle of Convocation

Also assisting at Convocation:

Ruth Corkran  
Registrar, Faculty of Graduate Studies and Research

Carole Dence, M.A., A.R.C.T.  
Registrar, Faculties of Arts and Social Sciences

R.L. Fleming, B.A.  
Registrar, Faculty of Engineering

Carolyn Richer, B.A.  
Assistant Director of Admissions (Records/Operations)

Sharon Palmer  
Office of the Dean of Graduate Studies and Research

Linda Backer  
Selene Caladan  
Carolyn Kirk, B.A.  
Priscilla Loates  
Karen Martin, B.A.  
Denise McKenna, M.A.  
John Tracey, B.A.  
Registrar's Office, Faculties of Arts and Social Sciences

Lisa Ralph  
Faculty of Science

Pegge Clarke  
Faculty of Engineering

Anne-Marie Lépine  
Karen Olsen  
Office of Admissions (Records/Operations)

Pamela Mallon  
Dolores Neilson  
Office of the President

Joan Charron  
Mary Ford, M.A.  
Nanci Jolicoeur  
MaryAnne Pomainville  
Public Relations and Information Services

## O Canada

O Canada! Our home and native land!  
True patriot love in all thy sons command.  
With glowing hearts we see thee rise,  
The True North strong and free!  
From far and wide, O Canada,  
We stand on guard for thee.  
God keep our land glorious and free!  
O Canada, we stand on guard for thee.  
O Canada, we stand on guard for thee.

## God Save the Queen

God save our gracious Queen,  
Long live our noble Queen,  
God save the Queen!

Send her victorious,  
Happy and glorious,  
Long to reign over us;  
God save the Queen!



# Order of Proceedings

Chancellor The Hon. Gordon Robertson, P.C., C.C., M.A., D.C.L., LL.D.,  
D. de l'Univ., F.R.S.C., presiding.

*(The audience is requested to stand when the Academic Procession arrives,  
to remain standing until after the Invocation has been pronounced, and at the  
conclusion of the ceremony to remain until the Academic Procession has left.)*

- ☐ Introductory Music  
The Carleton Concert Band  
Peter Manley, Director
- ☐ Processional Music
- ☐ The Vice-Regal Salute
- ☐ O Canada\*
- ☐ Invocation  
Herbert H.J. Nesbitt, M.A., Ph.D., Sc.D., D.Sc., F.L.S., F.E.S.C., F.Z.S.  
Professor Emeritus of Biology
- ☐ Address of the President and Vice-Chancellor  
William E. Beckel, B.A., M.Sc., Ph.D.
- ☐ Conferring of Degrees by Examination
- ☐ Introduction of the Medallists  
Michel Gaulin, M.A., Ph.D.  
Clerk of Senate
- ☐ Awarding of the Medals  
Thomas J. Ryan, M.A., Ph.D.  
Vice-President (Academic)
- ☐ Presentation of the Henry Marshall Tory Award  
William E. Beckel, President and Vice-Chancellor
- ☐ Conferring of the Degree of Doctor of Laws  
*honoris causa*, upon  
Her Excellency the Right Honourable Jeanne Sauvé, P.C., C.C., C.M.M., C.D.,  
D.H.L., D.S., LL.D., D.U., Governor General of Canada  
(Presented by William E. Beckel, President and Vice-Chancellor)
- ☐ Convocation Address  
Her Excellency the Right Honourable Jeanne Sauvé
- ☐ God Save the Queen\*
- ☐ Recessional Music

*\*The audience is invited to sing.*



## Doctor of Philosophy

### Recipients of Degrees, Diplomas, and Certificates

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

---

**Alexander Campbell McIntyre, B.A.,  
M.A. (York)**  
Political Science  
Nietzsche and the Grand Politics of  
Authority  
Supervisor: T. Darby

**Jose Andres Perez B., B.A. (National  
University of Nicaragua), M.A.  
(Southern California)**  
Political Science  
Institutionalization of Political Change  
and the Instrumentalization of the  
State Apparatus: The Case of  
Honduras and Costa Rica  
Supervisor: V.S. Wilson

**Gillian Laura Creese, B.A. (Simon Fraser),  
M.A. (Queen's)**  
Sociology  
Working Class Politics, Racism and  
Sexism: The Making of a Politically  
Divided Working Class in Vancouver,  
1900-1939  
Supervisor: W. Clement

**Judith Ann Hewitt, B.A. (Carleton),  
M.Sc. (Surrey)**  
Sociology  
Living-In Gillam and Looking-To State  
Contradictions: Structuration in a  
Single-Industry Town  
Supervisor: S. Richer

**Grace Joan Vance, B.A., M.A. (Carleton)**  
Sociology  
Canadian State Lotteries: 1970-1984  
Supervisor: D. Forcese

**Jill Patricia Lightbody, B.Sc., M.Sc.  
(Western Ontario)**  
Biology  
Female Settling Patterns and Polygyny  
in the Yellow-Headed Blackbird  
(*Xanthocephalus xanthocephalus*)  
Supervisor: P.J. Weatherhead

**Konrad Andrew Sieciechowicz, B.Sc.  
(York)**  
Biology  
Diurnal Variation of Asparaginase in  
Developing Pea Leaves  
Supervisor: K.W. Joy

**Pamela Marjorie Aker, B.Sc. (Carleton)**  
Chemistry  
Dynamics of Some Reactions of O (<sup>1</sup>D)  
Atoms  
Supervisor: J.J. Sloan

**Christopher Robert Burn, B.Sc. (Durham),  
M.A. (Carleton)**  
Geology  
On the Origin of Aggradational Ice in  
Permafrost  
Supervisor: M. Smith

**Ronald Parker Sage, B.S. (Michigan  
College of Mining and Technology),  
M.Sc. (Colorado School of Mines)**  
Geology  
Alkalic Rock Complexes - Carbonatites  
of Northern Ontario and Their  
Economic Potential  
Supervisor: D.H. Watkinson

**Chang-Jo F. Chung, B.Sc. (Sogang, Korea),  
M.Sc. (Carleton)**  
Mathematics  
Confidence Bands for Quantile  
Function and Percentile Residual  
Lifetime Under Random Censorship  
Supervisor: M. Csörgö

**Mehmet Necip Baltacioglu, B.Sc.  
(Middle East Technical University),  
M.Sc. (Boğaziçi)**  
Civil Engineering  
Numerical Determination of Elastic  
Constants for Damaged Fibre  
Composite Plates  
Supervisor: A.P.S. Selvadurai

**Ahmad Habibur Rahman, B.Sc., M.Sc.  
(Bangladesh University of Engineering  
and Technology)**  
Civil Engineering  
Thermal Stresses in Intersecting  
Masonry Walls - A Finite Element  
Analysis  
Supervisor: G.T. Suter

**Auro Tanaka, B.Eng. (São Paulo), M.Eng.  
(Pontifical Catholic University of  
Rio de Janeiro)**  
Civil Engineering  
In Situ Measurements for Shear and  
Deformation Characteristics of a  
Fissured Clay Crust  
Supervisor: G.E. Bauer

**Jim Pak-Yee Lee, B.Sc. (Calgary), M.A.Sc.  
(Toronto)**  
Electrical Engineering  
Acoustooptic Fourier Transforming  
Configuration for Spectrum Analysis  
and Determination of Direction-  
of-Arrival  
Supervisor: J.S. Wight

## Master of Arts

(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)

**Christiane Monika Bauer, B.A. (Guelph)**  
Canadian Studies

**David Bryan Ennis, B. Mus.**  
(Western Ontario), B.Ed. (Queen's)  
Canadian Studies

**Nancy Joan Gnaedinger, B.A. (Carleton)**  
Canadian Studies  
Elderly Widows Who Live Alone in  
Their Own Houses: Assessments of Risk

**Deborah Knight, B.A. (Carleton)**  
Canadian Studies

**Ken Kuzmich, B.J. (Carleton)**  
Canadian Studies

**Michael Large, B.A. (Wolverhampton  
Polytechnic)**  
Canadian Studies  
Artists and Industry Illustration in  
Transition in Toronto, 1880-1910

**Donald Barry Mack, B.A. (Carleton)**  
Canadian Studies  
Ralph Connor and the Progressive  
Vision

**Elizabeth Suzanne Renaud, B.A.**  
(Windsor)  
Canadian Studies  
Asking Women Questions about  
Technology: More Questions and  
Some Answers from a Survey  
Conducted in 1984

**Chris Scherbarth, B.A. (Guelph)**  
Canadian Studies  
Studio D of the National Film Board of  
Canada: Seeing Ourselves Through  
Women's Eyes

**Christina Anna Louisa Thiele, B.A.,**  
C.T.E.S.L. (Carleton)  
Canadian Studies  
Irish Features in the English of Upper  
Ottawa Valley Germans

**Henry F. Davis, B.A. (Carleton), B.C.L.**  
(McGill)  
Classics

**Caroline Margaret Callway Preston, B.Sc.**  
(McMaster), Ph.D. (British Columbia)  
Classics

**Anne Denise Blanche Quéma, Lic.**  
(Chambéry)  
Comparative Literature

**Cristina E. Trevisan, B.A. (Ottawa)**  
Comparative Literature

**Joseph Laurence Black, B.A. (Toronto)**  
English

**Brenda Cantar, B.A. (Carleton)**  
English  
Endlessly Opening Patterns: Language  
and Self in Robert Creeley's Poetry

**Judith E. Carruthers, B.A. (Concordia)**  
English  
More to Mitchell: The Elusive Arts of  
W.O. Mitchell's *Jake and the Kid*

**Mary Maureen Goodspeed, B.A. (Ottawa)**  
English

**Gillian Blair Layfield, B.A. (Carleton)**  
English

**Kathleen O'Doherty, B.A. (Carleton)**  
English  
Disguised Realities - Religion and  
Sexuality: The Struggle for Identity in  
Three Plays of Michel Tremblay

**Gloria Bernice Pereira, B.A. (Bombay)**  
English

**Messaouda Danielle Boulakia, B.A.**  
(Ottawa)  
French

**Suzanne Sennecke-Bölch, B.Sc. (Toronto)**  
German

**Jacqueline Henry, B.A. (York)**  
History

**Faye Margaret Kert, B.A. (Queen's)**  
History  
The Fortunes of War: Privateering in  
Atlantic Canada in the War of 1812

**Patricia Anne Patchet-Golubev, B.A.**  
(Carleton)  
History

**Barbara Winifred Marschall, B.A.**  
(Ottawa)  
Philosophy

**Harsha V. Dehejia, M.D. (Bombay)**  
Religion  
The Yoga of Art - An Inquiry into the  
Aesthetics of Rasa and Rupa

**Geni Quaciari, B.A. (McMaster)**  
Spanish

**Lois June Chételat, B.A. (Carleton)**  
Anthropology  
The Role of the Traditional Birth  
Attendant in the Delivery of Primary  
Health Care in Central Java, Indonesia

**Sylvia Coral Waukey, B.A.**  
(Western Ontario)  
Anthropology  
The Genesis of Factionalism Among  
the Indians of the Saugeen Territory,  
1843-1857

**Wing-Po (John) Cheung, B.A. (Carleton)**  
Economics

**Melinda Anne Derzai, B.A. (Carleton)**  
Economics

**Mary Ann Dimand, B.A. (Yale)**  
Economics

**Shirley Jean (Wall) Hazen, B.A.**  
(King's College)  
Economics

**Björn G. Johansson, Fil. Kand. (Umeå)**  
Economics

**Tai Yung Kam, B.A. (St. Thomas)**  
Economics

**John Douglas Martin, B.A. (Calgary)**  
Economics

**Syed Hassan Naseem, B.A. (Carleton)**  
Economics

**Elizabeth Jane Parker, B.A. (Carleton)**  
Economics

**Dave R. Sabiston, B.A. (Carleton)**  
Economics

**Teresa Ann Savage, B.A. (Carleton)**  
Economics

**Steven Michael Williamson, B.A.**  
(Wilfrid Laurier)  
Economics

**Stephen Warner Blight, B.E.S. (Waterloo)**  
Geography  
Pastoral Production and Change:  
Pastoralists, Development and the  
State in Kenya



**Carolyn Fielding, B.Sc. (McMaster)**  
Geography  
Wildlife Rabies and Urban Expansion:  
Environments of Risk in Ottawa-  
Carleton

**Thomas Westby Haythornthwaite, B.Sc. (Carleton)**  
Geography  
Topographic Change of the Meighen  
Ice Cap

**Ina Elizabeth Hutchison, B.A. (Nipissing)**  
Geography  
The Formation of North Western  
Ontario 1791-1912

**Marc André Levesque, B.A. (Carleton)**  
Geography  
The Law of the Retarding Lead: The  
Adoption of Cable Television and  
Telephone Switching Equipment

**David Bernard Livingstone, B.Sc. (British Columbia)**  
Geography  
The Northeast Yukon: Development  
Within a Conservation Framework

**Andrew John Sinclair, B.A. (Carleton)**  
Geography  
Hazardous Waste Management: A  
Regional Perspective of Ottawa-  
Carleton

**Anne Elizabeth Walker, B.A. (Carleton)**  
Geography  
A Climatological Analysis of Eastern  
Canadian Seaboard Maximum Ice  
Extent Using Passive Microwave  
Satellite Data (1973-1985)

**Mohamed Abdul Latiff, B.A. (Malaya)**  
International Affairs

**Nilim Baruah, B.A. (Delhi)**  
International Affairs

**Donna Beth Brooks, B.A. (Dalhousie)**  
International Affairs

**Edgar Bwalya, B.A. (Zambia)**  
International Affairs

**Edward Brock Carlton, B.A. (Western Ontario), B.Ed. (Queen's)**  
International Affairs

**Peter Robert Coffin, B.A. (Dalhousie), S.T.B. (Trinity College)**  
International Affairs  
The Anglican Church in International  
Affairs: A Study of the 'Goals Gap'  
Between Hierarchy and Pew

**Johanne Di Donato, B.A. (Concordia), Dip. (Leningrad State)**  
International Affairs

**Steven Paul Douville, B.A. (Laurentian)**  
International Affairs

**Susan Marie Ferner, B.A. (Calgary)**  
International Affairs  
Drama, Action and Change: Sistren, A  
Woman's Theatre Collective in Jamaica

**Julia Lynn Galliker, B.A. (Bucknell), M.B.A. (Pennsylvania State)**  
International Affairs

**Richard Malcolm Gill, B.A. (Concordia)**  
International Affairs  
The Legacy of Canadian Industrial  
Policy: The Case of the Appliance  
Industry

**Brian Joseph Gilligan, B.A. (Carleton)**  
International Affairs  
Confidence-Building Measures and  
the Arms Control Negotiation Process

**Philippa Evelyn Lawson, B.A. (Trent)**  
International Affairs

**Gregor L.S. MacKinnon, B.A. (McGill)**  
International Affairs

**Rennie Monique Marcoux, B.Sc. (Montreal)**  
International Affairs

**Kevin Lawrence Phillips, B.A. (Queen's)**  
International Affairs

**Derek Ernest Roche, B.A. (St. Thomas)**  
International Affairs

**Peter Anthony Rogers, B.A. (Queen's)**  
International Affairs

**Hilary Ann Syme, B.A. (Ottawa)**  
International Affairs

**Marvin Taylor, B.A., Lic. (Costa Rica)**  
International Affairs  
Poverty and Public Expenditure on  
Social Programmes: The Case of Costa  
Rica

**Robert Bryan Vandenberg, B.Sc. (Guelph)**  
International Affairs

**Monica Auer, B.A. (Carleton)**  
Political Science  
Asymmetrical Economic Inter-  
dependence and Foreign Policy  
Behaviour

**Fabio Claudio Battisti, B.A., Teacher's Cert. (British Columbia)**  
Political Science

**Michael Patrick Doherty, B.A. (Victoria)**  
Political Science  
An Angel on the Shoulder: The  
Political Influence of the Sierra Club  
in British Columbia

**Isabelle François, Lic. (Paris)**  
Political Science

**Sophia Mamphekeleli Hoohlo, B.A. (National University of Lesotho)**  
Political Science

**Reginald Maurice John King, B.A. (St. Thomas)**  
Political Science

**Neil Douglas MacIntosh, B.A. (Queen's)**  
Political Science

**Ronald Anthony Simunovic, B.A. (Carleton)**  
Political Science

**Maureen Barnes, B.A. (Carleton)**  
Psychology  
Burnout in Staff Nurses: An  
Examination of Personality,  
Environmental and Coping Variables

**Mario Cappelli, B.A. (Ottawa)**  
Psychology  
Parent, Family and Disease Variables  
as Predictors of Psychological  
Functioning in Children with Cystic  
Fibrosis

**Laura Ann Goodine, B.A.Sc. (Guelph)**  
Psychology  
Anorexics, Bulimics and Highly  
Weight Preoccupied Women: A  
Comparison of Personal Project  
Systems and Personality Factors

**Margaret V. Lederman, B.A. (Carleton)**  
Psychology  
Toward the Assessment and  
Evaluation of Consultation Services: A  
Consultation Process and Product  
Inventory

**Anita Christine Maiste, B.A. (Guelph)**  
Psychology  
Vestibular and Visual Function in  
Children with Attention Deficit  
Disorder

**Timothy Alexander Pynchyl, B.Sc.**  
(McMaster), C.T.E.S.L. (Carleton)  
Psychology  
Hardiness and Depressive Affect in  
University Undergraduates: A Project  
Analytic Perspective

**Jesus Alberto Salas, Lic.**  
(Católica Andrés Bello)  
Psychology  
Neuro-Linguistic Programming,  
Hypnosis and Imagery: An Empirical  
Study

**Fiona Berthelet-Faucher, B.P.A.**  
(Carleton)  
Public Administration

**L. Andrew Cardozo, B.A. (York)**  
Public Administration

**Marjorie Lindsay Clarke, Cert. in**  
*Business Admin. (Ottawa)*  
Public Administration

**Bradley Murray Cline, B.A.**  
(New Brunswick)  
Public Administration

**Gayle A. Duggan, B.A., D.P.A. (Carleton)**  
Public Administration

**Julie Elizabeth Girvan, B.A. (McMaster)**  
Public Administration

**Kathleen Ann Gowanlock, B.S.Sc.**  
(Ottawa)  
Public Administration

**Bernard More, B.Sc. (Montreal)**  
Public Administration

**Stephen Morgan, B.Ed. (McGill),**  
*D.P.A. (Carleton)*  
Public Administration

**James Charles Morris, B.A. (St. Thomas)**  
Public Administration

**David Callan Morrison**  
Public Administration

**Jeffrey Charles Parr, B.A. (Regina)**  
Public Administration

**Patrick Alonza Ramsay, B.Sc. (Toronto)**  
Public Administration

**Gina Anne Alderson, B.A.**  
(New Brunswick)  
Sociology  
Rights vs. Needs: Dependency and  
Inequality in Divorce Policy

**Douglas Wesley Booker, B.A.**  
(Simon Fraser)  
Sociology  
Organizing for People's Power Under  
Martial Law: The Case of the Church  
and State in the Philippines

**Nancy Jane Gurr, B.A. (Carleton)**  
Sociology

**Judith Anne Paterson, B.A. (Windsor)**  
Sociology  
Professional Reproduction and  
Disciplinary Development: A Content  
Analysis of a Professional Journal

**Janice Edith Tye-Chew, B.A. (Queen's)**  
Sociology  
Children and Divorce: An  
Examination of Children's Experiences  
in Divorcing Families of North America

**Judith Ellen Wood, B.A. (Acadia)**  
Sociology  
Hygeia vs. Panakeia: The Community  
Health Centre in Canada

**Paul Joseph Francis Finn, B.A. (Toronto)**  
Soviet and East European Studies

**James Hamish Warnock, B.A. (Carleton)**  
Soviet and East European Studies

**Nestor Ihor Leonid Woychyshyn, B.A.**  
(Carleton)  
Soviet and East European Studies  
Soviet Ukrainians Political Dissidents  
in the West: Their Politics, Inter-  
relationships and Philosophies,  
1965-1983

(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)

**Antonio Javier Aveledo-Padron, B.Sc.**  
(Carleton)  
Chemistry  
The Effect of Acetate and Ethanol on  
Glucose Metabolism in  
*Schizocaccharomyces plumbe*

**Susan Lynne Gordon, B.Sc. (Queen's)**  
Geology  
The Environmental Geochemistry of  
Total Uranium and <sup>226</sup>Ra at the South  
March Uranium Occurrence, Ontario

**Allen Norman Brown, B.Sc., B.Ed.**  
(Queen's), M.Sc. (McMaster)  
Information and Systems Science  
Compression and Bilevel Display of  
Digital Meteorological Satellite  
Imagery

**Robert Leedom Stout, B.A. (Temple),**  
*Dip. Ed. (Alberta)*  
Information and Systems Science  
Application of Simulated Annealing to  
the Symmetric Travelling Salesman  
Problem

**Rallis Antoniadis, B.Sc. (Athens), M.Sc.**  
(Carleton)  
Mathematics  
Reed-Muller Codes: Structure and  
Decoding

**Gi-Seon Heo, B.Sc. (Song Sim College**  
*for Women, Korea)*  
Mathematics

**Chi Yan Ko, B.Sc. (Carleton)**  
Mathematics

**Mohamed Ahmed Mahmud, M.A.**  
(Garyounis)  
Mathematics

**Swati Chakravarty, B.Sc. (Delhi)**  
Physics  
A Study of the Gas Gain Mechanism  
in Cylindrical Proportional Wire  
Counters for CO<sub>2</sub> Based Gas Mixtures

## Master of Computer Science

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

**Azmeena Hasham, B.Sc. (McGill)**  
A New Class of Priority Queue  
Organizations

**Yanni K. Jew, B.A.Sc. (Toronto)**  
Distributed Garbage Collection

**Rodney Dale Nickel, B.Sc.**  
*(Saskatchewan)*  
Towards a New Smalltalk User  
Interface

**Gang Wang, B.Sc. (Beijing)**  
Implementation and Case Studies of  
Hierarchical Multidimensional  
Extendible Hashing

**Paul Joseph White, B.Sc.**  
*(St. Francis Xavier)*  
Business Programming By Example -  
An Automatic Business Programming  
System

## Master of Engineering

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

**Malcolm David Imray, B.Sc.Eng. (Alberta)**  
Aeronautical Engineering  
Preliminary Testing of a Twisted Delta  
Propeller for Transonic Cruise Speed

**Adnan Numan Al-Khatib, B.Sc. (Baghdad)**  
Civil Engineering

**Adil Memish, B.Sc. (King Abdulaziz)**  
Civil Engineering

**Mark M. Cloutier, B.Eng. (Carleton)**  
Electrical Engineering

**Gordon Wayne Davidson, B.Sc. (Calgary)**  
Electrical Engineering  
An Investigation of Block by Block  
Adaptive Equalization on a Fading HF  
Channel

**Randall Douglas Kun, B.Sc. (Queen's)**  
Electrical Engineering  
A VLSI Architecture for a Multi-  
Channel ISDN Serial Communications  
Controller

**Joseph How-Piu Lam, B.Eng. (Carleton)**  
Electrical Engineering

**Yao Li, B.Eng. (Beijing Institute of  
Telecommunications)**  
Electrical Engineering  
The Harmony Operating System  
Described by Petri Nets

**Bernard Nicolas B. McPhail, B.Eng.**  
*(Carleton)*  
Electrical Engineering  
Error Control Coding for Land Mobile  
Communications

**Colm P. O'Brien, B.Eng.**  
*(University College, Dublin)*  
Electrical Engineering

**Trevor William Pearce, B.Eng. (Carleton)**  
Electrical Engineering  
Adapting an Iconic Software Design  
Environment for Protocol  
Specification with Estelle

**Calvin Plett, B.A.Sc. (Waterloo)**  
Electrical Engineering  
Continuous Time Filters Using Open  
Loop Tunable Transconductance  
Amplifiers

**Goran Scuric, B.Sc.EE (Belgrade)**  
Electrical Engineering

**Haleh Vafaie, B.Eng. (Carleton)**  
Electrical Engineering  
An Inferencing Procedure for  
Guaranteeing the Search Time of a  
Production-Rule Knowledge Base

**Geoffrey Andrew Wardle, B.Sc.Eng.**  
*(New Brunswick)*  
Electrical Engineering  
An IF Clutter Signal Generator for the  
DREO EW Engagement Simulation  
Facility

**Donald H.Y. Wong, B.A.Sc.**  
*(British Columbia)*  
Electrical Engineering

**Yiyang Wu, B.Eng. (Beijing Institute of  
Telecommunications)**  
Electrical Engineering  
Data Compression of Meteorological  
Satellite Photo Imagery for  
Transmission

**Gordon Franklin Aker, B.Eng. (Carleton)**  
Mechanical Engineering  
A Damage Tolerance Approach for  
the Life Extension of J85-CAN 40/15  
Compressor Disks

**Stewart Alexander Bain, B.Eng.**  
*(Carleton)*  
Mechanical Engineering  
Effects of Weld Undercutting on the  
Fatigue Life of Plate 'T'-Welded  
Specimens

**Vladimir Vladimirov Razbin, Dip. Eng.**  
*(Sofia)*  
Mechanical Engineering  
Fluidized Bed Combustion of High-  
Sulfur Coal with Various Limestone  
Particle Sizes

**Palvai Mahender Reddy, B.Eng.**  
*(Osmania)*  
Mechanical Engineering  
Calculation of Swirling Flow in Annuli  
Using Eddy - Viscosity Turbulence  
Models

**Mong Lin Shim, B.Eng. (McGill)**  
Mechanical Engineering  
Boundary Integral Equation Stress  
Analysis of Cracked Thick Walled  
Cylinders

**Bert Van Den Berg, B.A.Sc. (Waterloo)**  
Mechanical Engineering  
Analyzing Sculptured Surfaces in a  
Computer Integrated Manufacturing  
Environment



## Master of Social Work

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

---

**James William Balfour**, B.S.W. (Calgary)

**Anne Elisabeth Bullock**, B.A. (Queen's)

**Diane M. Chalmessin**, B.S.W. (Moncton)

**Kimberley Anne Clare**, B.S.W.  
(Manitoba)

**Julie Ida Collins**, B.A. (McMaster)

**Donald Wayne Corneil**, B.A. (Carleton)

**Elizabeth May Elliott**, B.Ed. (Ottawa)

**Joseph Leonard Anthony Fardella**, B.A.  
(Detroit), M.A. (Wayne State)

**Mark Stephen Holmes**, B.A. (Carleton)

**Lucie Lalande**, B.S.Sc. (Ottawa)

**Heather Lynn Mack**, B.A. (Simon Fraser)

**Robert McCrindle**, B.A., B.S.W.  
(McMaster)

**Elizabeth Natalie McMinn**, B.A. (Ottawa)

**Patricia Elizabeth O'Manique**, B.A.  
(Carleton), B.A. (Ottawa)

**Robert Henry Edward Pepler**, B.A., B.Ed.  
(York)

**Roger P. Roome**, B.A. (Carleton)

**Martha Jean Smith**, B.A. (Trent)

**Michael Peregrine Tross**, B.A. (Ottawa)

## Master of Journalism

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

---

**Elaine St-Pierre**, B.S. (Suffolk)  
"Survivathon:" The Licensing, Launch  
and Relaunch of Pay-TV in Canada

## Diploma in Public Administration

*(Presented by Professor S.F. Wise,  
Dean of the Faculty of Graduate Studies  
and Research)*

---

**William J.H. Bauer**, B.A. (Guelph)

**Rita Vashishta**, B.A. (Rajasthan)



## Bachelor of Arts (with Honours)

*(Presented by Professor Dennis P. Forcese,  
Dean of the Faculty of Social Sciences)*

---

### **K.O. Acheson**

High Honours in English

### **Alice Gillian Agius**

High Honours in Linguistics and  
Psychology

### **Sarah Jane Anderson**

High Honours in German

### **Catherine Vivienne Arkeveld, B.A. (Western Ontario)**

High Honours in Psychology

### **Millicent Dawn Armstrong**

Honours in Political Science

### **Robert Gerard Arpin**

Honours in Political Science

### **Marsha A.E. Baker**

Honours in Psychology

### **Barbara Barr**

Honours in Psychology

### **Jennifer Elizabeth Barry**

High Honours in Law and Sociology

### **Naomi Berlyne**

High Honours in Philosophy and  
Psychology

### **Malcolm James Bowie-Reed, B.A. (Carleton)**

Honours in Law

### **Kenneth David Bush, B.A. (Carleton)**

Highest Honours in Political Science

### **Ronald David Graham Cadieux**

Highest Honours in Anthropology

### **Benjamin William Cashore**

Highest Honours in Political Science

### **Siu Ming Cheng**

High Honours in Geography

### **Bruce Douglas Crichton**

Honours in English

### **Jean Philippe Cyril Dardier**

Honours in Political Science

### **Michaël Carl de Verteuil**

High Honours in Political Science

### **Craig Cameron deQuetteville**

Honours in English

### **Karen Maureen Devine, B.A. (Carleton)**

High Honours in French and  
Linguistics

### **Brian Daniel George Dole**

Honours in Law and Political Science

### **Patrick S.F. Donnelly**

Honours in Law

### **Marie Annetta Kathleen Doran, B.A. (St. Francis Xavier), B.Com. (Carleton)**

Honours in Political Science

### **Alan Victor Scott Douglas**

High Honours in Economics

### **Michael Barr Draper**

Honours in Geography

### **Michael William Damien Dunleavy**

Highest Honours in Psychology

### **Tracy Lynn Engelking**

Honours in History

### **Frank Peter Farinaccio**

Honours in English and Law

### **Margaret Ann Ferley, B.A. (Concordia)**

Highest Honours in German

### **David Allan Finucan**

Honours in Law

### **Calla Heidi Fireman, B.A. (Western)**

Honours in Psychology

### **Jaime Alberto Galarza Castañeda**

Honours in Political Science

### **Stephen Gawn**

Honours in Political Science

### **Edward Ronald Joseph Gratton**

Honours in Political Science

### **Lars Erling Hansen, B.A. (Carleton)**

Honours in Political Science

### **George Norman Harris**

High Honours in Soviet and East  
European Studies

### **Eleanor Melissa Heagy**

High Honours in Music and Spanish

### **Karen Jean Herring, B.A. (Carleton)**

Highest Honours in Art History

### **Daniel Andrew Howes**

Honours in Geography

### **Nancy Jean Jackson**

High Honours in English and  
Psychology

### **Joanna Katsanis**

Highest Honours in Psychology

### **Peter Kidd**

Honours in Law

### **Donna Lynn Klinck, B.A. (Carleton)**

Honours in Law and Sociology

### **Vesna Knežević**

High Honours in Soviet and East  
European Studies

### **Päivi Hannele Koskinen**

Highest Honours in Linguistics

### **Jane F. Larocque**

Honours in Law

### **Scott Anthony Lesaux, B.A. (St. Francis Xavier)**

Honours in Political Science

### **Sandra Louise Limoges**

Honours in Law

### **Andrzej Lorentz, B.A. (Carleton)**

High Honours in Soviet and East  
European Studies

### **Carole Frances Luff, B.A. (Carleton)**

Highest Honours in Art History

### **Brent James MacGregor**

Honours in Political Science

### **William Ronald MacKenzie**

Honours in Law

### **Giovanna Marasco**

Honours in Law and Sociology

### **Lauren Marcotte, B.A. (Carleton)**

Honours in History

### **Patrick Arthur Mason**

Honours in Political Science

### **Bela Mathur**

Honours in Psychology

### **Patricia Marie McCann**

Honours in Geography

### **Dayle Elizabeth McDonald**

High Honours in Psychology

### **Laurie Doris McElligott**

High Honours in Classical Civilization

## Bachelor of Arts

*(Presented by Professor Naomi E.S. Griffiths, Dean of the Faculty of Arts)*

---

**Maggie McGovern, B.A. (Carleton)**  
High Honours in English

**Peter A. McGrath**  
Honours in Economics

**Douglas James Muirhead**  
Honours in Geography

**Colleen Anne Murphy**  
Honours in Geography

**Peter Lorne Murphy**  
Honours in Geography

**Kim C. Nash**  
High Honours in Interdisciplinary  
Studies

**Ann-Marie Nasr**  
High Honours in Geography

**Catherine Colleen O'Manique**  
High Honours in Political Science

**Christine Nicole Rose O'Nions**  
Honours in French

**Michael Jonathon Pankhurst, B.A. (Carleton)**  
Highest Honours in Political Science

**Stephen David Partridge**  
Honours in Economics

**Charles Penfold**  
Honours in German

**Dee-Anne Pitts**  
Honours in Psychology

**Blake David Poland**  
Highest Honours in Geography

**Stephen John Posavad, B.A. (Carleton)**  
Highest Honours in Political Science

**Bettina Quistgaard**  
Highest Honours in Political Science

**Susan Maria Rowley**  
Highest Honours in Art History

**Peter T. Stewart**  
Honours in Geography

**Steve Bryan Ignatius Talbot, B.A. (Carleton)**  
Honours in History

**Derek Hedley Taylor**  
Highest Honours in Interdisciplinary  
Studies

**Cleide Thieves**  
High Honours in French

**Anne Colette Thorpe, B.P.E. (Ottawa)**  
Honours in Psychology

**Marisa Ann Trignani**  
Honours in Mass Communication

**Jane Elizabeth Turner**  
Honours in English

**Sharda Vaidyanath, B.J. (Carleton)**  
Honours in Interdisciplinary Studies

**Ann Elizabeth Daunt Walker**  
Honours in Political Science

**David George Warren**  
Honours in Economics

**Michael Jeffrey Whitby, B.A. (Trent),  
B.Ed. (Brock)**  
High Honours in History

**Joanne Marie White, B.A. (Western Ontario)**  
Honours in Sociology

**Garth Lee Whitford**  
Honours in Law and Psychology

**Patrick Murray Wilson, B.A. (Carleton)**  
Honours in French

**Dino Zuccarini**  
High Honours in Political Science and  
Sociology

**Patrick Craig Abbott**

**Pierangela Addario**

**Terry Ann Aghar**

**Mark Gifford Allan**

**Jennifer Lee Allen**

**Janet Kathleen Atkinson**

**Patricia Jane Austin**

**Patricia Jacqueline Bailey**

**Eileen Maura-Louise Barry**

**Carol Viola Bartels**

**Linda Susan Batoff**

**Heather Sue Begg**

**Joseph Guy Eric Belanger**

**Dorine Marie Best, B.A. (Brandon),  
B.A. (Carleton)**

**Paul Stanley Blaber**

**Irene Theresa Boland**

**Linda Carla Bondio**

**Lise M. Boulay**

**Marie-France Bourgeois**

**Donald Antoine Bourque**

**Robert William Thompson Boyd**

**Edrie Aileen Boyle, B.Ed. (Regina)**

**Kathryn Mary Brackenbury Bell**

**Glenn Douglas Bradbury**

**Sharon Gayle Brush**

**Irene Kristina Bruzas**

**Charles A. Butler**

**Louis Andrew De Meillon Cabri**

**Andrew Philip Caddell**

**Kristine Barbara Caie**

Janet Kathleen Calder  
 Katherine Jean Came  
 Laura Campbell  
 Olivia Carlos Alberto  
 Kenneth Kai Tai Chan  
 Polly Chan  
 Carl Robert Joseph Charron  
 Darlene Anne Charron  
 Florence Yin Ling Chau  
 Suet Fun Barbara Chau  
 Lap Man Peter Chiang  
 Nancy Patricia Chisholm  
 Kay Lun Chow  
 Barbara Jean Clarke  
 Bernard Clarkson  
 Claire Dorothy Colley  
 Alice Lucille Comeau  
 Mary Geraldine Corden  
 Shari Coslett  
 René Wilfred Côté  
 Sandra Anne Cunningham  
 Wendy Lynn Curran  
 Wayne Eldon Danielson  
 Ola Maria Danyliuk  
 Susan Jane Darton  
 Scott Dauncey  
 William Frank Davies  
 Paula Karen Day  
 John Patrick De Genova  
 Elizabeth De Lima  
 David H. Delderfield  
 Sandra Elizabeth Derby

Giulia Marisa Di Bartolo  
 Laura Gwynne Dickie  
 Alan Bruce Dingle  
 Dinopatti Djalal  
 Brian Joseph Alexander Dodd  
*with distinction*  
 Jane Robina Dowell  
 Donna Lynn Elliott  
 Susan R. English  
 Esther Nkoli Enyolu  
 M. Jill Ferguson  
 Rosemary Finlan  
 Erin R. Fitzpatrick  
 Elizabeth Edith Forth  
 Frank David Fotia  
 Ruth Elizabeth Fowler  
 Nicole Cécile Francoeur  
*with distinction*  
 Julia Ruth Freestone  
 John Fricker  
 Karen Sandra Froehling  
 Brigitte Berthe Garceau  
 John Nicholas Gaudry  
 Kenneth Morley Gilkinson  
 Darlene Anne Gillard  
 Byron Ross Gilmore  
 Stephen D. Gladu  
 Joel Martin Kit Gold  
*with distinction*  
 Bari Paula Goodman  
 Bruce Douglas Gowing  
 Christopher John Grabowy  
 Linda L. Graham  
 Heidi Cornelia Grossman

Michael John Hall-Jones  
 George Handzel  
 Sandra E. Haydon  
 Christopher Eric Llewellyn Henderson  
 Catherine Hendrick-Girard  
 Sandra Lynne Hewson  
 Michael S.H. Hilchie  
 Andrew Ian Hill  
 Michael David Hill  
 Mary Pui-Pui Ho  
 Benjamin Ping Lun Hoe  
 Janice Marie Hoganson  
 Deborah Holland-Belair  
 Brett Sutherland Horner  
 Katherine Lynn Hughes  
 Lyndell Anne Hughes  
 Michael Ioannou-Johnson  
 Marisa Iorfida  
 Karen Irving  
 Nuala Joyce  
 Timothy Micheal Walter Kelly  
 Shannon Kenny  
 Ranjana Kumar  
 Michael David Lanos  
 Jane Marie LaPalme  
 Elizabeth Susan Laporte  
 Mary Johannah Latour  
 Clement Siu Ling Lau  
 Sing To Alan Lau  
 Joyce Siew Kheng Lean  
 Patrick Lecky  
 Marc H. Lefebvre



<b>Wing-Hung Leung</b>	<b>Diane Sarah Milligan</b>	<b>Garry Allan Ritchie</b>
<b>Betty Lynne Levia</b>	<b>Wendy A. Milne, B.A. (Carleton)</b>	<b>René Yves Romain</b>
<b>Wayne H. Linke</b>	<b>Sergio Paul Mineiro</b>	<b>Dale Christine Rosborough</b> <i>with distinction</i>
<b>Valerie Jean Loney</b> <i>with distinction</i>	<b>Morten Moller Warmedal</b>	<b>Nicole Josette Roy</b>
<b>Frederick Salem Loughlin</b>	<b>Paul Bradshaw Monlezun</b>	<b>Linda Jean Sabadoz</b>
<b>Peter Stephen Lowe</b>	<b>Wendy Anne Montgomery</b>	<b>Zainab Salleh</b>
<b>Michele Lunt</b>	<b>Dave Frederick Morris</b>	<b>Jane Pamela Scharf</b>
<b>Patricia Ann Lyttle</b>	<b>Cheryl Eleanor Morrison</b>	<b>Andrew Kennedy Schep</b>
<b>Anthony Francis Macerollo</b>	<b>Ruth Anne Morrow</b>	<b>Johanna Sedlmayer</b>
<b>P. Douglas MacKinlay</b>	<b>William Karl Morton</b>	<b>Ana Selic, B.A., M.A. (Belgrade)</b>
<b>Catherine Diane Maki</b>	<b>Todd Norman Murchison</b>	<b>Ann Dixon Sharp</b>
<b>Nancy Mary Elizabeth Mallette</b>	<b>Julie Ann Murphy</b>	<b>Mary Anne Sigler</b>
<b>Nancy Jayne Mallon</b> <i>with distinction</i>	<b>Wolfgang Nagel</b>	<b>Jill Anne Smith</b>
<b>Kyle Elizabeth Malone</b>	<b>Gayle Yoshie Nakamoto</b>	<b>Sandra Solomon</b>
<b>Johanne Olive Marien</b>	<b>Stephen Nathan Nancoo</b>	<b>Jeffrey Michael Spooner</b> <i>with distinction</i>
<b>Michel René Marin</b>	<b>Michael James Neville, B.A. (Carleton)</b>	<b>Margaret Elizabeth Spooner</b> <i>with distinction</i>
<b>Carrie-Lynn Martin</b>	<b>Peter Mark Ngomane</b>	<b>Catharine Ann Sprager</b>
<b>Wendy Allison Martineau</b>	<b>Leonard Patrick Norris</b>	<b>Glenda-Jean Marie Steepe</b>
<b>Marilyn Anne Mason</b>	<b>Catherine Jane O'Brien</b>	<b>Jacquelyn L. Stevens</b>
<b>Karen Elizabeth McAlear</b>	<b>Steven Scott Oattes</b>	<b>Ian Weir Stewart</b>
<b>Dianna Lynne McAleer</b>	<b>Sherri-Lynn Oliver</b>	<b>Joslyn A. Strutt</b> <i>with distinction</i>
<b>Pauline Bernadette Pilon McColgan</b> <i>with distinction</i>	<b>David Ross Parslow</b>	<b>Judith Ann Moore Stunell</b>
<b>Kristine M. McDougall</b> <i>with distinction</i>	<b>Jean Pertus</b>	<b>Douglas Archibald Swanson, B.Sc.</b> <i>(Manitoba)</i>
<b>Elizabeth Ruth McGaughey</b>	<b>Nigel Gerard Frederick Pickup</b>	<b>Susan Caroline Szabo</b>
<b>Colleen Elizabeth McGuire</b>	<b>Maria Teresa Pizzo</b>	<b>Lisa Nanette Szymanowski</b>
<b>Theresa Elaine McMahon</b>	<b>Robin Michele Ann Poley</b> <i>with distinction</i>	<b>Nancy Elizabeth Thomas</b>
<b>Pauline M. McManus</b>	<b>Ross Ian Rae</b>	<b>Paula Jean Thomson</b>
<b>Linda Ruth McQuarrie</b>	<b>Wilma Lesley Ramsay, B.A. (Dalhousie)</b>	<b>Carrie Suzanne Tucker</b>
<b>David Cameron McWhirter</b>	<b>Shawn Rebecca Redden-Kelly</b>	<b>Karen Elaine Uhrynuk</b>
<b>Joseph Jacques Michaud</b>	<b>Gregory Cornelius Reid</b>	<b>Robert Vainola</b>
	<b>Anne Elizabeth Richards</b>	
	<b>Watson Lloyd Ring</b>	

**Bachelor of Commerce  
(with Honours)**

*(Presented by Professor Dennis P. Forcese,  
Dean of the Faculty of Social Sciences)*

---

**Carol Jean Diane Van Duyse**

**Mary Carol Vierich**  
*with distinction*

**R.K. Vogan III**

**Paula Catharine Waddell**

**Kevin R. Waller**

**Scott R. Wambolt**

**Wendy Lee Anne Warner**

**Ernest Darroch Watson**

**Mitchell Wein**

**Susan Jayne Weir**

**David Gordon Wendt**

**Elizabeth Mary Williams**

**John Fraser Wilton**

**Edward James Wisking**

**Anne O'Regan Wong**

**Edward Gokjee Wong**  
*with distinction*

**John Mate Bacic**  
with Honours

**Dale Jordan Du Val**  
with Honours

**Paul E. Dumouchel**  
with Honours

**Monica M. Fitzgerald**  
with Honours

**James Samuel Fowles**  
with Honours

**Allan Wilfred Hough**  
with Honours

**Diane Deena Lambert**  
with Honours

**Sie Fong Long**  
High Honours

**Pooifoong Cathy Lum**  
with Honours

**Stephen Henry Priddle**  
with Honours

**Markus Walter Sperling**  
with Honours

**Mark David Turnbull**  
with Honours

**Bachelor of Journalism  
(with Honours)**

*(Presented by Professor G.S. Adam,  
Director of the School of Journalism)*

---

**Jo-Anne Margaret Ashe**  
with Honours

**Michael Shawn Behan**  
High Honours

**Daniel George Conlin**  
High Honours

**Helen Anne Fielding**  
High Honours in Journalism and  
Soviet and East European Studies

**Miriam Joanne Hawkins**  
with Honours

**Mary Ann Horgan**  
High Honours in Journalism  
and English

**Cindy R. Kleiman**  
with Honours

**Laurie Lynn LeBlanc**  
High Honours in Journalism  
and Political Science

**Kathryn Francesca Low**  
with Honours

**Michael Frederick Makin**  
with Honours

**Laurie Kathleen McCulloch**  
with Honours

**Joanne Milner**  
Honours in Journalism and  
Political Science

**Martha Deborah Muzychka, B.A.**  
*(Memorial)*  
with Honours

**Julia Necheff, B.A. (Alberta)**  
with Honours

**Warren Russell Neill**  
with Honours

**Gillian Mary Osborne**  
with Honours

**Bruce Michael Pearce**  
High Honours

**Tracy Irene Pollard**  
with Honours

Bachelor of Music  
(with Honours)

*(Presented by Professor Naomi E.S.  
Griffiths, Dean of the Faculty of Arts)*

---

**Janet Marie Ashley**  
Highest Honours

**Anthony John Doyle, B.A. (Carleton)**  
with Honours

Bachelor of  
Public Administration  
(with Honours)

*(Presented by Professor A.M. Maslove,  
Director of the School of Public  
Administration)*

---

**Richard D. Dollighan**  
with Honours

**Venanzio Giannantonio**  
with Honours

**Stephen Mark Hawley**  
High Honours

**Jeffrey Gordon Miller**  
with Honours

**Helen Rollande Seguin**  
with Honours

**Wang Seng Tan**  
with Honours

**Janice Irene Thissen**  
with Honours

**Ben Clifford Warner**  
with Honours

**Norma Reveler**  
Honours in Journalism and  
Political Science

**Christine Anne Rivet**  
with Honours

**Katherine Louise Sandford**  
with Honours

**Diane Patricia Helen Sims, B.A.**  
*(Waterloo)*  
with Honours

**Ellen Maureen van der Hoeven**  
with Honours

**Douglas W. Wright**  
Honours in Journalism  
and Political Science

## Bachelor of Science (with Honours)

*(Presented by Professor L.A. Copley,  
Dean of the Faculty of Science)*

---

**Tamara Lynn Bushnik**  
Highest Honours in Psychology

**John Edward Cliff**  
Honours in Geography

**Laura Patricia Coward**  
Honours in Biology

**Daniel Kenneth Found**  
High Honours in Psychology

**Sheila Jean Gaitens**  
Honours in Psychology

**Janice Anne Hanright**  
High Honours in Geography

**David Allan Henderson**  
High Honours in Geography

**Jeffrey Van Huang**  
Honours in Geography

**Janet Mirium Hughes-Adams**  
Honours in Geography

**Robert A. Kirby**  
High Honours in Chemistry

**James C. Margeson, B.A. (Carleton)**  
Honours in Biology

**William Stephen Neale**  
Honours in Geography

**Gordon O'Connor**  
High Honours in Chemistry

**Christopher Paul O'Grady**  
Highest Honours in Mathematics  
and Physics

**Tami-Joy Ridgewell**  
Honours in Geology

**Felipe Jose Rodriguez, B.Sc. (Carleton)**  
Honours in Physics

**David Anthony Saab**  
High Honours in Geography

**Kevin J. Snell**  
Honours in Physics

**Eric Storie**  
Honours in Geography

**Laura Kathleen Wardlaw**  
High Honours in Geography

**David Archie Watchorn**  
Honours in Geography

**David Anthony William Watson**  
Honours in Geography

**Ronald George Watts**  
Honours in Chemistry

**Grant Melville Wilson, B.A. (Carleton)**  
Honours in Psychology

**Stephen Andrew Wolfe**  
Highest Honours in Geography

## Bachelor of Science

*(Presented by Professor L.A. Copley,  
Dean of the Faculty of Science)*

---

**Mashallah Abedini**

**Kenneth Earle Balderson, B.Sc.  
(McMaster)**

**Steven Beeby**

**Cheryl Naomi Bronstein**

**Chun-Fai Chan**

**Corinna Chaudhary**

**Geoffrey Cheng**

**Chi Cheong Harry Chung**

**William John Abraham Drake**

**Susan Karin Maria Finch**

**Sylvain Gagnon**

**Hsing Chan Ho**

**Timothy Jon Kelton**  
*with distinction*

**Ross George Kouhi**

**Michel Raymond Lapointe**

**Tony Ma**

**Peter Edmund Nass**

**Alexis Nicolas Schenk**

**Gilles Romeo Joseph Schnupp**

**Karen Louise Sylvester**

**Sandra Jeanne Tape**

**Richard Steven Wagner**

**Siew Hoo Wong**

**Gilmen Siu Kee Yue**

**Po-Nin Paulus Yum**

## Bachelor of Computer Science (with Honours)

*(Presented by Associate Professor  
J.R. Pugh, Director of the School of  
Computer Science)*

---

**Wai Yin Leung**  
with Honours

**Benjamin King Chi Poon**  
with Honours

**Siu Loon Tung**  
with Honours

## Bachelor of Engineering

*(Presented by Professor J.S. Riordon,  
Dean of the Faculty of Engineering)*

---

### Civil

**Phillip Mathayo Kato**

**Fernando Marcuccio**

**Dianne Elizabeth Sutcliffe**  
*with high distinction*

**Jeroen Antonie Winterink**

**Stan Wu**

### Electrical

**James Albert Fullarton**

**Timothy Edward Gaiser**

**Martin Gillett**

**Kevin Andrew Hopkins**

**Louis Robert Lemieux**

**Brad James McLelland**

**Richard Taggart Scott**

**Peter Arthur Smith**

**Harry Frederick Vandergeest**

### Mechanical

**Robert Clement Baril**

**Gerard Caesar Braganca**

**Christopher Sydney Smith**

## Bachelor of Architecture

*(Presented by Professor R.E. Osler,  
Acting Director of the School of  
Architecture)*

---

**Paul Yee**



Bachelor of Industrial Design

*(Presented by Associate Professor  
Jacques R. Giard, Director of the School  
of Industrial Design)*

---

**David Raymond Berge**

Certificate in  
Public Service Studies

*(Presented by Professor Dennis P. Forcese,  
Dean of the Faculty of Social Sciences)*

---

- Elfriede Bertignoll**
- Jennifer Anne Munro**
- David Prest**
- Peter E. Thompson**

Certificate in  
Law Enforcement Studies

*(Presented by Professor Dennis P. Forcese,  
Dean of the Faculty of Social Sciences)*

---

- Peter Tyrus Cameron**
- John Bradley Gruno**
- Norman Robert Seguin**
- Joseph G. St. Denis**

# Certificate in the Teaching of English as a Second Language

*(Presented by Professor Naomi E.S.  
Griffiths, Dean of the Faculty of Arts)*

---

**Deborah Jackson Côté, B.A. (Carleton)**

**James Mark Elsley, B.A. (York)**

**Catherine Nancy Milne, B.L.A. (Guelph)**

**Catherine Scott, B.A. (Carleton)**

The following degrees and certificate were approved by Senate in June and September 1986 after the publication of the 1986 Spring Convocation program.

### **Master of Social Work**

**Brenda Jean Lemoine, B.A. (York)**

### **Bachelor of Arts (with Honours)**

**Susan Lynn Armstrong**  
Honours in Sociology

**Erin Colleen Bennett**  
Honours in English and History

**John Reginald Dyer**  
Honours in Law and Sociology

**Dana Kazimiera Giedriunas, B.A.  
(Carleton)**  
Honours in Soviet and East  
European Studies

**Karen Brigita Grasman**  
Honours in Canadian Studies  
and English

**Mark Kennedy**  
Honours in Sociology

**Raymond Andrew Joseph Lonsdale**  
Honours in Law and Sociology

**Anne-Marie McGonigle**  
Honours in English and  
Mass Communication

**Elizabeth Ann Millar, B.A. (Carleton)**  
Honours in Law and Sociology

**Anne Dolores Scollard**  
Highest Honours in French and  
Linguistics

### **Bachelor of Arts**

**Shaun Jarvis Brabazon**

**Jane Thelma Breen**

**Andrew Nelson Chouinor**

**Timothy D. Christilaw**

**Shona Patricia Connolly**

**Teresa R. De-Iaco**

**Barbara Maxine Dewar-Armstrong**

**Mary E. Downer**

**Luc Ivanhoe Fortin**

**William Fox**

**Douglas James Gammack**

**Gregory M. Girling**

**Jeffrey Merrill Gulick**

**Linda Elisabeth Locking**

**Laurie Anne McConnell**

**Allan Jeffrey Moran**

**Elizabeth Price**

**Mark Edward Spurrell**

**Siegfried Erich Stark**

**Amanda Steinberg**

**Mark Michael Straw**

**Stuart Armitage Thompson**

**Bruce Charles Watts**

### **Bachelor of Science (with Honours)**

**John Warren Lampitt**  
Honours in Geography

### **Bachelor of Science**

**Rudolf J. Jetzelsperger**

**Nancy Osborne**

### **Bachelor of Engineering (Mechanical)**

**Kent Daniels**

### **Bachelor of Architecture**

**Lauren Gruszecki**

### **Certificate in the Teaching of English as a Second Language**

**David Herman Schnarr, B.A. (Waterloo)**



## Medallists in the Graduating Class

### University Medals for Outstanding Graduate Work

Awarded, when merited, for outstanding graduate work at the Ph.D. and master's levels.

Ph.D. Level

**Chang-Jo F. Chung**

*Mathematics*

Master's Level

**Deborah Anne Knight**

*Canadian Studies*

**Timothy A. Pychyl**

*Psychology*

### University Medals

Awarded annually, when merited, to the graduating student standing highest in interfaculty studies, arts, social sciences, engineering, architecture, business, computer science, industrial design, journalism, music, and public administration.

University Medal in Science

**Christopher Paul O'Grady**

*Honours Mathematics and Physics*

### Senate Medals

Awarded, when merited, for outstanding academic achievement.

**Michael W. Dunleavy**

*Honours Psychology*

**Jeffrey M. Spooner**

*Psychology*

**Michael Jonathon Pankhurst**

*Honours Political Science*

**Tim Kelton**

*Biology*

## Recipient of Honorary Degree

### **The Right Honourable Jeanne Sauvé, P.C., C.C., C.M.M., C.D., D.H.L., D.Sc., LL.D., D.U.**

The Right Honourable Jeanne Sauvé, Governor General and Commander-in-Chief of Canada, is being awarded the degree Doctor of Laws, *honoris causa*, "in recognition of a varied and distinguished career in journalism and public life which has embodied personal qualities valued by Canadians in every region of the country."

Madame Sauvé, born in Prud'homme, Saskatchewan, April 26, 1922, received her secondary education from the Notre-Dame-du-Rosaire Convent in Ottawa, and subsequently attended the University of Ottawa. She completed her formal studies at the Université de Paris and was granted a diploma in French civilization in 1952.

From 1942 to 1947, Jeanne Sauvé was the National President of the Jeunesse Etudiante Catholique movement. In 1947, she founded the Fédération des mouvements de jeunesse du Québec and was a delegate to several international conferences.

From 1948 to 1950, Jeanne Sauvé studied economics in London, England and taught French for the London City Council. In 1951, she worked in Paris as Assistant to the Director of the Youth Department of UNESCO.

Returning to Canada in 1952, she began a 20-year career as a freelance broadcaster and journalist with the Canadian Broadcasting Corporation and La Société Radio-Canada. She appeared from time to time on the CTV network's "W-5", as well as on public affairs programs produced by the American NBC and CBS networks. During that time she also wrote freelance editorials for the *Montreal Star*.

In 1961, Jeanne Sauvé was elected member of the Board of the Union des Artistes in Montreal and was Vice-President of that union from 1968 to 1970. Apart from her broadcasting career, she has made several lecture tours in Canada and the United States.

In 1964, she was elected President of l'Institut canadien des Affaires publiques. In 1967, she was appointed a member of the board of the Montreal YMCA. From 1966 to 1972, she was General Secretary of the Fédération des auteurs et des Artistes du Canada. In 1968, she attended a conference for film and television writers in Moscow. She is founding member of the Institute of Political Research.

From 1969 to 1972, she was a Director of Bushnell Communications Limited, of radio station CKAC in Montreal, and of Telemedia.

In 1972, Jeanne Sauvé was elected as a Liberal Member of Parliament for the Montreal riding of Ahuntsic and appointed Minister of State in charge of Science and Technology. She was re-elected in July, 1974, and given the Environment portfolio. On December 5, 1975, she was appointed Minister of Communications, together with responsibility in the Department of External Affairs for French-speaking countries.

She was again re-elected as a Member of Parliament for Laval-des-Rapides in the May, 1979 general election, and as member of the Official Opposition, chaired the Committee on Culture and Communications and served as the Official Opposition Communications critic.

The Liberal Party was returned to power in the February, 1980 election, and as the Member for Laval-des-Rapides, Madame Sauvé was elected Speaker of the House of Commons in April later that year, a position which she held until January 14, 1984. During the course of her mandate she put in place a new administrative organization for the House of Commons and worked diligently to ensure that the Parliamentary rules concerning official languages were fully respected.

As a Member of Parliament, Madame Sauvé has represented the Canadian government at the United Nations Conferences on Population and on the Law of the Sea.

On December 23, 1983, the Right Honourable Jeanne Sauvé was appointed the 23rd Governor General of Canada, the first woman to hold the position. She was invested on May 14, 1984. She is Chancellor and Principal Companion of the Order of Canada, and Chancellor and Commander of the Order of Military Merit. She holds honorary degrees from nine Canadian universities.

Madame Sauvé is married to the Honourable Maurice Sauvé and has one son, Jean-François.









## Entrance Scholarship and Award Recipients

### Scholarship and Award Winners 1986

#### **Association of Professional Engineers' Entrance Scholarship**

Joy Tanotra

#### **Frederick William Baldwin Scholarship**

Glen Groulx  
Mario Quiguero

#### **Donald William Buchanan Scholarships**

Angela Iarocci  
Shaun Marshall

#### **Carleton Board of Education Award**

Su-Han Chan  
Vivek H. Dehejia  
Michael Mazan  
Lalitha Parameswaran

#### **Carleton University Entrance Scholarships**

Ron J. Abarbanel  
Mario P. Amato  
David J. Anderson  
A. Zaki Asmat  
Ban Au-Young  
John Bachynsky  
Cameron Battley  
Trevor Beairsto  
Jordan Berger  
Arif Bhanji  
Robert Bridges  
Jean Guy Brin  
Bruce Brown  
Nancy Brown  
Stephen Brown  
Cheryl Carson  
Teresa Carter  
Chee Amy Chan  
Chi Kit Chan  
Wing Hang F. Chan  
Paul Chard  
Andrea Childerhose  
Benjamin Claman  
Elizabeth Claughton  
Glenn Cole  
Loretta Colton  
Shannon Creaser  
Arla Day  
Peter De Lind  
Annalee Delman  
Mehijeh Dhanani  
Jennifer Donally  
Sebastien Dovan  
Suehila Elkateb  
Sharon Enns  
Michael Fillmore  
Kenny Fong  
Eileen Frere  
Gregory Gill  
Donna Glasgow  
Shawn Goudge  
Clifford Graham

Natasha K. Gya  
James Haddon  
Melany Hallam  
Renee Henderson  
Stuart Hickox  
Allison Hine  
Doreen Hume  
Randall Irschick  
John Kacur  
Nicola Katz  
Connie Keenan  
Karen Kostaszek  
Magnus Krantz  
Jacqueline Kucera  
Yatish Kumar  
Chethan Lakshman  
Beverley Layden  
Concetta Licandro  
Gail MacDonald  
Laurie Matthews  
Julie McPhail  
Lisa Meagan  
Angela Mendicino  
James Mickelson  
Lisa Miolo  
Donna Morrison  
Theresa Nigro  
Frederick Nyiti  
P. Geoff Orme  
Nigel Parton  
Nancy Payne  
Vikki Peck  
Rene Peloquin  
Liane Penny  
Neil Polowin  
Margot Purdon  
Jo Ann Rawlins  
Catherine Reekie  
Cheryl Rego  
Ronald Renters  
Gillian Robertson  
Glenn E.A. Sands  
Petra Schennach  
Jeannie Sears  
Kimberley Shacker  
Stacy Silvester  
Judy Silvestro  
Marie Simard  
Kevin Skerrett  
Bruce Steen  
Lisa Stillar  
Christopher Stolz  
Robin Suttmoller  
Katherine Tate  
Nicolina Trombetta  
Deborah Tucker  
Lois Tuffin  
Gordon Umphrey  
Cynthia Varga  
Debbie Wolanski  
Anita Wong  
Tennyson Yeung  
Mark Zayachkowski  
Paul Zelmer

**Chancellor's Scholarships**

Jennifer E. Huyda  
Michael R.S. Mazan  
Stephen G.A. Pitel

**Commonwealth Holiday Inns of Canada  
Limited Entrance Scholarship**

Vikki L. Peck

**Duchess of Connaught Scholarship**

Fabio De Witt

**Jennie Shibley Cramm Scholarship**

Rashmi S. Sunder-Raj

**Dobbie Regional Entrance Scholarships**

Vikas Bhushan  
Charles Gravelle  
Michael McAleer  
Eric B. Nash  
Lisa A. Schimmens  
Helen Shaw  
Scarlet S.C. Shaw  
Stephen J. Whiticar  
Alan M.C. Yam

**Friends of Carleton Scholarships**

Bradley Cameron  
Jeffrey Carruthers  
Su-Han Chan  
Atul Humar  
Dale M. Marecak  
Penny McGregor  
Michael Ohh  
Lalitha Parameswaran  
Salvador Paredes  
Alfonso Ribes  
Joe Sallmen  
Josephine J. Saunders  
Gordon Squires  
Maryam M. Gawargy

**Francis C.C. Lynch Scholarships**

Jeffrey Atkinson  
Jeffrey Ayotte  
Michael Brown  
Gary Cameron  
Hugh Finn  
Adrian Gerkema  
Debra Quinn  
Nima Spaniel  
Edward Talsma  
Kimberlee Thalheimer  
Chan Y.D. Wong  
Kam Ming Wong

**Maclean Hunter Award in Journalism**

Katherine S. Johnson

**Manufacturers Life Scholarship in  
Business**

Joanne Gin

**Department of Mathematics and  
Statistics Entrance Award**

Su-Han Chan  
Renaud Dreyer  
Roy O. Nadarajah  
Lev A. Piaseckyj  
Rashmi Sunder-Raj

**Dr. Frederick William Charles Mohr  
Scholarships**

Mario P. Amato  
Trevor Beairsto  
Bruce Brown  
Chi Kit Chan  
Elizabeth Claughton  
Fabio De Witt  
Sebastion Dovan  
Sharon Enns  
Michael Fillmore  
Kenny Fong  
Jane Fraser  
Alison Hine  
Doreen Hume  
Randall Irschick  
John Kacur  
Karen Kostaszek  
Magnus Krantz  
Yatish Kumar  
Beverley Layden  
Laurie Matthews  
Julie McPhail  
Lisa Meagan  
Angela Mendicino  
Lisa S. Miolo  
Donna Morrison  
Theresa Nigro  
Neil Polowin  
Hildy Reichstein  
Gillian Robertson  
Kimberley Shacker  
Judy Silvestro  
Marie Simard  
Kevin Skerrett  
Lisa Stillar  
Joy Tanotra  
Nicolina Trombetta  
Lois Tuffin  
Cynthia Varga  
Tennyson Yeung  
Mark Zayachkowski

**Ottawa Board of Education Awards**

Jeffrey Carruthers  
Jennifer Huyda  
Atul Humar

**Ottawa Citizen Scholarship**

Hildy G. Reichstein

**Ottawa Citizen Scholarship in  
Journalism**

Jane D. Fraser

**Charles and Helen Pattenson  
Scholarships**

Ausilio Bauen  
Darcy Beckstead  
Jason Coleman  
Alexander Fabro  
Andrew Guzman  
Debbie Hunt  
Arthur Janes  
Alan Lewis  
Peter O'Connell  
Manjusha Pawagi  
Gregory Plett  
Richard Rampton  
Bonny Riedel  
Rojer Sabbagh  
Rashmi Sunder-Raj  
Somchay Sychaleun  
Edwin Tam  
Pamela Wilcox  
Linda Williamson  
Janet Zylberstein

**Charles Pinhey Award**

Jill McNaughton

**President's Scholarships**

Jeffrey Alguire  
Robin Anderson  
Kirsten Andreassen  
Brenda Ball  
Joel-Denis Bellavance  
Christopher Borst  
Patrick Boule  
Francis Bouman  
Kevin Bourgault  
Paola Bozzo  
Alison Buchanan  
Gerald Burgess  
Siu P. Cheng  
Yue Chew  
Tobi Christensen  
Maria Cioppa  
Anthony Concl  
H. William Corbett  
Diana Cuerrier  
Vivek Dehejia  
Dieulam Doan  
Ann Dorward  
Renaud Dreyer  
Bryan Dyer  
Dina Fisher  
Anna Galante  
Lynne Godlien  
Tara Guptill  
Trung K. Ha  
David Heineman  
Ron Holowatuk  
Fong S.E. Hon

## In-Course Scholarship and Award Recipients

David Hood  
Yi-Wen Hsu  
Sheila Hubbard  
Steven Hunt  
Maria Iaderosa  
Tanya Kanigan  
James Keates  
Victor Korompai  
Lauralynn Kourtz  
Michele Kovacevic  
Ann Lim  
Carrie-Lynn Littleton  
Thomas Looby  
Dylan Macleod  
Mohamad A. Mansour  
Jennifer Markey  
Tracey Mason  
Tamara Matt  
Ayesha Mautbur  
Michael Messenger  
Jean-Paul Molgat  
Kevin Muise  
Roy Nadarajah  
Douglas Nielsen  
Richard Nowlan  
Frank Petermann  
Lev Piaseckyj  
Jennifer E. Power  
Cyrus Reporter  
Sharon Robbins  
David Robertson  
Julia Robinson  
Barbara Roth  
Jean P.E. Saumur  
Rachna Sharma  
Steven Sherman  
Ruth Silverman  
Brenda Snyder  
D. Kirk Spencer  
Duncan Toswell  
Daniel Villeneuve  
George Vlavianos  
George Waggott  
E. Todd Walsh  
Sheila West  
Barbara White  
Kevin Williams  
Tracy Williamson

**James H. Rattray Memorial Scholarship**  
Connie Keenan

**Mercy Neal Southam Entrance Scholarships**

Hugh J. Benevides  
Vince Catalli  
Tracey Donaldson  
Kimberly A. Gromko  
Tom Hoferek  
Kan Loi  
Catherine Pirie  
Mark Tang  
Tien Vinh

**Mrs. George S. Abbott Memorial Award in Law**

Robin Michele Ann Poley

**Addison-Wesley Award in Law**

Heather L. Kerr

**American Society for Metals Award in Engineering**

J. MacDougall

**A. Andras Memorial Grant**

Kenneth E.P. Craft

**Motoshi Asano Memorial Scholarship in Chemistry**

Michael D. Porter

**Medal of the Association of Professional Engineers of Ontario**

Jonathan L. Bosloy

**Association of Professional Engineers' Scholarships**

Kenneth A. Bowers  
Chi Fai Roger Shum  
Robin M. Tarbet

**The Honourable Walter Baker Memorial Scholarship in Political Science**

David G. Anderson  
Catherine D.C. Bell

**Bank of Nova Scotia, Carleton University Branch, Award in Commercial Law**

Ronald J. Argue

**F. Luella Barrigar Scholarships in Music**

Joel Baker  
Jody Wynne Cross  
Janet L. Kanwisher  
Penelope Kiskis  
Maura A. Martin  
Denison Quirk  
David J. Schneider  
Derek H. Taylor  
Cheryl D. Thompson  
Irene L. Wolfe

**Jack Barwick and Douglas Duncan Scholarships in Art History**

Kathleen J. Eles  
Megan E. Griffith  
Carole Luff  
Melissa K. Rombout

**Jack Barwick and Douglas Duncan Scholarship in Music**

Mary A. Swerdfeger

**Bruce Beecher Memorial Award**

Christian C. Book

**Paul R. Beesack Memorial Scholarship in Mathematics**

David Zanutto

**Berke Scholarship in Chemistry**

Kierstan P. McCaw

**Dr. M. Ralph Berke Award in Chemistry**

Dominic Ferrarotto

**Charles Anthony Blundell Betts Memorial Scholarship in Physics**

Frank A. Hegmann

**J.P. Bickell Foundation Scholarships**

Una Allen  
Vicki J. Coleman  
George Green  
Susan T. Keddie  
Sally Pehrsson  
Karen Pflug  
Raymond Westendorp  
Charles Dumaesq  
Niki Racicot

**John E. Bird Scholarships**

Patricia A. Cross  
Janet A. McFarland

**Director's Award in Biochemistry**

Simon J. Eastman

**Claude Bissell Scholarship**

Julie C. Sedivy

**Professor T.N. Brewis Scholarship in Applied Economics**

Jennifer A. Hawkins

**Claude Brunelle Memorial Scholarship**

Olga S.A. Szabarnicki

**Landen Dominic Burnett Memorial Award**

Susan Rowley

**Butterworths Prize in Law**

Valerie J. Howe

**Henry Campbell Scholarships**

Robert P. Cheetham  
Lones A. Smith



**Canadian Society of Petroleum Geologists Undergraduate Student Award**

Susan T. Keddie

**Canadian Tire Corporation Scholarship**

Jamie Yamasaki

**Carleton Beaverbrook Award for Freedom of the Press**

Patricia Patchet-Golubev

**Carleton University Academic Staff Association Scholarship**

William C. McCormick

**Carling O'Keefe Scholarship**

Thomas B. Stemp

**Victor Castledine Scholarship**

John Gould

**CCH Canadian Limited Award in Taxation**

Michael J. Sawa

**Chancellor's Scholarships**

Ilan A. Arnon  
Marie T. Fiala  
Thomas D. Hanson  
David Zanutto

**Dr. John H. Chapman Memorial Prize in Communications Engineering**

Kwing Kwan Li

**Society of Chemical Industry Award**

Wendy G. Pell

**Chemical Institute of Canada Medal**

Helmut Dallman

**Chevron Canada Resources Limited Scholarship in Geology**

Vicki J. Coleman

**Clarkson, Gordon & Company Scholarship**

Gerard J. Gallant

**Class of '76 Award**

Daryl A. de Quetteville

**Communications Law Prize**

Penelope D. Collette

**Jack Cook Design Award**

George Rothschild

**Cooper Canada - George Lynn Design Award**

Linda A. Fisher

**Michael Russell Coote Memorial Award**

David Jesson

**Jamie Corbet Memorial Award**

Robert P. Cheetham

**Crowntek Inc. Computer Science Scholarship**

Douglas Macklem

**Catherine Daumery Memorial Award for Botanical Collection**

Brenda Crawford

**Bertha F. Davis Award in Religion**

Valerie Deyell  
Angela Quinn

**Digital Equipment of Canada Limited Award of Merit**

William C. McCormick

**Domtar Inc. Scholarship in Journalism**

Gregory Wei Pieng Ip

**Lord Dundonald Chapter, I.O.D.E. Scholarship**

Niki M. Racicot

**A. Davidson Dunton Scholarship**

Joan C. Atkins

**Economics Scholarship**

Lones A. Smith

**Samuel L. Edelson Scholarship**

Wan S.I. Lee  
Nancy Henderson

**Rachael Elizabeth Edwards Memorial Award in Journalism**

Susan Henders

**Wilfrid Eggleston Award in Journalism**

Arthur W. Adam

**Bob Farquharson Memorial Award in Journalism**

Raymond I. Ford

**George Fierheller Scholarship**

Edrie Aileen Boyle

**E. Alison Flood Award in Physical Chemistry**

Jenny D. Walker

**Lilian I. Found Award for Poetry**

Luba Szkambara

**Blair Fraser Memorial Award in Journalism**

Jonathan Whitten

**Anne Smith Freedman Memorial Award**

Bruce Baskerville

**Jacob Freedman Scholarships**

Valerie Lynn Du Plessis  
Edward Frlan  
Lisa D. Henderson  
Gregory Wei Pieng Ip  
Susan Keddie  
Lisa Ruth Lifshitz  
Shaun McEwan  
Jennifer E. Parlier  
Malcolm Saravanamuttoo  
Laura Schening

**Department of French Scholarships**

Sylvie Monique Butler  
Gregg M. Feltham

**Friends of Carleton Scholarships**

John F. Anderson  
Rajiv Arya  
Paul D. Austerberry  
Catherine E. Bird  
Roy Phillip Buchan  
Donna M. Burnell  
Jeffrey T. Calow  
Leana Leean Chung  
Daniel Yvan J. Cote  
Richard Joseph De Boer  
Eileen G. De Verteuil  
Dirk J De Vos  
Josephine Dana Erzetic  
Sarah Xochitl Fulford  
Fauzia Shereen Gardezi  
Jonathan C. Garwood  
John Gordon Gower  
David Lawrence Jenish  
Michael Andrew Kidd  
Christine Korwin-Szymanowska  
Amin Lalani  
Hoi Ming Li  
Kwing Kwan Li  
Hilary C. Mason  
Steven P. McGarrity  
Deirdre A. McIsaac  
Anthony Michel  
David Thomas Moorman  
Lisa Anne Morrison  
Mark Morgan Mulima

Bin Yong Benjamim Ngo  
 Duong B. Nguyen  
 Karen Pflug  
 Brian Denis Pratt  
 Caroline Preston-Thomas  
 Moira Anne Pyper  
 Andrew C. Richter  
 Chris Riordan  
 Sandra Silvaroli  
 Tak Kuen Tang  
 Robin M. Tarbet  
 Alison Joyce Taylor  
 Renee Van Dieen  
 William James Wilford  
 Madeleine Wilson  
 Kwok Wa Wong

**Clarence C. Gibson Scholarship**  
 Eric Norman Johnson

**David A. Golden Scholarship**  
 Angela Deanne Quinn

**Krishnakumar Gopalan Memorial Award**  
 Ezra T. Peachey

**Margaret Graham Award**  
 Janet McFarland

**J. Lorne Gray Scholarship**  
 Andrew John Seely

**Ian H. Griffith Memorial Scholarship**  
 David Zanutto

**Hawker Siddeley Canada Inc.  
 Engineering Scholarship**  
 Babu S. Rahman

**Gerhard Herzberg Scholarship**  
 Michael Joseph Hackl

**E.P. Hincks Memorial Scholarship in  
 Physics**  
 Norm Henry

**E.P. Hincks Award of the Institute of  
 Particle Physics**  
 Denis J.P. Dumas

**Professor James M. Holmes Scholarship  
 in Chemistry**  
 Dominic Ferrarotto

**Janet M. Holmes Memorial Scholarship**  
 Garry Helmut Dallman

### **Honeywell Information Systems Scholarships**

Mark D. Kloosterman  
 Duong B. Nguyen  
 Glain B. Webber

**C.V. Hotson Memorial Scholarship**  
 Kelley Plumpton

**International House Award**  
 Yamhean Kong

**Allama Mohammad Iqbal Award**  
 Wendy Atkinson

**Judith Johansen Memorial Award**  
 Gail Godel

**Journalism Writing Style Award**  
 Gregory Wei Pieng Ip

**Dr. Harry Katznelson Memorial  
 Scholarship**  
 Tim Kelton

**Marston LaFrance Memorial Award in  
 English**  
 Gregory Wylie

**Charles Lazarus Scholarship**  
 Shawn R. Silzer

**Abraham and Dora Lithwick Prize**  
 Joyce M. Harkins

**Harold Lithwick Memorial Scholarship**  
 Peter J. Sheahan

**Donald G. Lougheed Memorial  
 Scholarship**  
 David R. Wallace

**Francis C.C. Lynch Scholarships**  
 Kelly L. Adams  
 Una Allen  
 Laura E. Arnold  
 Matthew Baker  
 Shona L. Brown  
 Angus J. Bruce  
 Paula M. Cadieux  
 Kathryn E. Campbell  
 Carol Ann Castanza  
 Chi Cynthia Chan  
 Raymond Leung Chow  
 Iris A. Couitis  
 Eric E. Crawford  
 Ruth A. Currie  
 Cindy Ann De Cuypere  
 Stavroula Delis

Catherine M. Den Tandt  
 Charles G. Dumaesq  
 Denis J. Dumas  
 Kenneth S. Efford  
 Mary Joan Fleming  
 Christopher J. Gabe  
 Nancy J. Gautsche-Emke  
 Megan E. Griffith  
 Jennifer A. Hawkins  
 Stephane Hebert  
 Frank A. Hegmann  
 Nancy R. Henderson  
 Norm Henry  
 Ingrid G. Hettgen  
 Diana A. Jardine  
 Margaret Johnston  
 Adam B. Kerr  
 John A. Kester  
 Robert J. Kirkhope  
 Bob Maurice Krawczyk  
 Anders Kruus  
 Anna Maree Lattanzi  
 Wan Sze Ivy Lee  
 Richard P. Lefebvre  
 Sharon N. Leiba  
 Sie Fong Long  
 Alyson MacLean  
 Kathryn J. McFarland  
 Patty McGovern  
 Allan McInnis  
 Susan B. McRae  
 Lisa B. Overall  
 Jill D. Paradine  
 Gary S. Pasternak  
 Desmond Payne  
 Lynn K. Pfeffer  
 Lucy C. Pickavance  
 Michael D. Porter  
 Sheila M. Pugsley  
 Trevor A. Purvis  
 Niki M. Racicot  
 Babu S. Rahman  
 Peter Regier  
 Sarah L. Rix  
 Brian J. Rolfes  
 Melissa K. Rombout  
 Chi Fai Roger Shum  
 Curtis C. Spencer  
 Stephen C. Szawlowski  
 Olga S. Szkabarnicki  
 Barbara N. Verbaas  
 Jenny D. Walker  
 Glain B. Webber  
 Adrian Weber  
 Stephanie A. Young  
 Jamie Zeppa

**Macdonald Club Awards**  
 Shelly L. Happy  
 Tomas R. Mureika  
 Sandra Fawcett

**Gavin Scott Macfarlane Memorial Scholarship**

Richard Gordon Kicksee

**R.A. MacKay Award in Political Science**

Nicole C. Francoeur

**Chalmers Jack Mackenzie Scholarship**

David Murray Schlitt

**Murdoch Maxwell MacOdum Scholarship**

Sheldon Ayon McDonald

**Roderick C. McDonald Memorial Scholarship in Engineering**

Adam B. Kerr

**R.L. McDougall Award in Engineering**

Michele Melady

**D.F. McKechnie Award in Accounting**

Joan C. Atkins

**Violet McLaughlin Scholarships**

Mike D.J. Lanos  
Doris Karen Wolf

**Dr. Frederick William Charles Mohr Scholarships**

Bakri Abou Karr  
Patrick Kenneth Basham  
Christine Bednarek  
Magdalena Benko  
Steffany Larwill Bennett  
Fred G. Black  
Susan Joan Bockstael  
Bernadette J. Boivin  
Nancy Lynn Carberry  
Chris M. Cobbold  
Vicki J. Coleman  
Mary Carol Corbett  
Wendy Corcoran  
Philip Culhane  
Kathleen J. Eles  
Rhonda C. Ebner  
Stephen W. Fai  
Marilou Janis Ferguson  
Paola M. Ferraro  
Sean Patrick Flanigan  
Sean Duncan Flatt  
Sukhdev Girn  
Angela D. Glover  
David Suet Fai Ha  
Barbara Sybille Haase  
Thomas E. Hamilton  
Michelle E. Illing  
David James Jesson  
Julie A. Kavcic  
Paivi Hannele Koskinen  
Laura Lynn Lalonde

Stephen J. Langill  
Derek Layne  
Carol Linda Leonard  
Amy Lewis  
Sharon Jean Liddy  
Cathy Lynn Lortie  
Sharon A. Lowdon  
Kimberly L. MacEwen  
Dayle Elizabeth McDonald  
Danny R. McGregor  
Kelly Andrew McInnis  
Sandra McSheffrey  
Paul Christian Meinert  
David Tung Him Ng  
Cheryl Susan Pagurek  
Shawn Leslie Peers  
Sharon McKeane Peryer  
Robin Michele Poley  
Jim Pope  
Joseph Francis Ryan  
Anthony A. Rywak  
Sharon L. Sally  
Karen Dale Scarth  
Dan Stephanson  
Tung Alexander Tran  
Robert Vainola  
Philip Julius Vigneron  
Sui Ming Wong  
Gregory Wylie  
Ken Yamazaki

**Music Department Awards**

Connie G. Eamer  
Deborah Y. Koo  
Denison L. Quirk

**Jayashree Nagpur Memorial Award**

Bernadette J. Boivin

**National Council of Jewish Women of Canada Award**

Sharon McKeane Peryer

**Betty Nesbitt Memorial Award in Biology**

Susan Barbara McRae

**H.H.J. Nesbitt Scholarship in Biology**

Michelle Elizabeth Illing

**James Nolan Memorial Award**

Lori O'Neill

**Dr. Frederick C. Nossal Award in Journalism**

Sasa Petricic

**Michael Oliver Scholarship**

Irene Pucci

**Ontario Association of Architects Awards**

Paul Austerberry  
Janine Debanne

**Ontario Credit Union Charitable Foundation Award**

Eugene J. Lundrigan

**Ottawa Citizen Scholarships**

Valerie J. Howe  
Jana Palacek  
Paul Seale

**Ottawa Citizen Scholarship in Journalism**

Randy L. Boswell  
Amanda Cashmore  
John B. Funston

**Ottawa Construction Association Award**

Jack Vandenberg

**Ottawa Ladies' College Scholarships**

Bakri Abou Karr  
Patrick Basham  
Christine Bednarek  
Magdalene Benko  
Steffany Ann Bennett  
Fred G. Black  
Susan Joan Bockstael  
Bernadette J. Boivin  
Nancy Lynn Carberry  
Chris M. Cobbold  
Vicki J. Coleman  
Mary Carol Corbett  
Wendy R. Corcoran  
Philip Culhane  
Rhonda Ebner  
Kathleen J. Eles  
Stephen W. Fai  
Marilou Janis Ferguson  
Paola Maria Ferraro  
Sean Patrick Flanigan  
Sean D. Flatt  
Sukhdev Girn  
Angela D. Glover  
David Suet Fai Ha  
Barbara Sybille Haase  
Thomas E. Hamilton  
Michelle E. Illing  
David J. Jesson  
Julie A. Kavcic  
Paivi H. Koskinen  
Laura L. Lalonde  
Stephen J. Langill  
Derek Layne  
Carol Linda Leonard  
Amy Lewis  
Sharon J. Liddy  
Cathy L. Lortie  
Sharon A. Lowdon



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Dayle E. McDonald  
Danny R. McGregor  
Kelly A. McInnis  
Sandra McSheffrey  
Paul C. Meinert  
David Tung Him Ng  
Cheryl S. Pagurek  
Shawn L. Peers  
Sharon McKeane Peryer  
Robin Ann Poley  
Jim Pope  
Joseph F. Ryan  
Anthony A. Rywak  
Sharon L. Sally  
Karen D. Scarth  
Dan Stephanson  
Tung A. Tran  
Robert Vainola  
Philip J. Vigneron  
Sui Ming Wong  
Gregory Wylie  
Ken Yamazaki

**Ottawa Women's Canadian Club  
Scholarship**

Wendy Corcoran

**Oxford University Press Award in Law**

David John Schneider

**Page and Steele School of Architecture  
Scholarship**

Elizabeth Sampson

**Dr. C. Stewart Parsons Scholarship in  
Engineering**

Kenneth S. Efford

**Charles and Helen Pattenson  
Scholarships**

Christian C. Book  
Gary Victor Evans  
Robert L. Bowerman  
Dominic Ferrarotto  
Brigitte C. Leduc  
Janice Magar  
Aldo Petosa  
Hung Phan  
Cortney R. Sampson  
Andre E. Turcotte  
Vicki A. White

**Charles Pinhey Award**

Connie Gail Brown  
Theresa Haakman

**President's Scholarships**

Arthur W. Adam  
Maureen L. Armitage  
Martha K. Badger

Karen A. Balcom  
Ronald D. Beards  
Kenneth A. Bowers  
Ward K. Branch  
Donald S. Campbell  
Kwok Billy Chan  
Ka Ki John Chan  
Carol L. Chateauvert  
Nancy Churchman  
Sheila M. Day  
Jeffrey D. Earl  
Andrea Dina Fessler  
Gerard J. Gallant  
Kevin Ross Hanson  
Karen Lee Hervey  
Irene De Assis Ho  
Michael Hollingshead  
Catherine J. Inglis  
Mark D. Kloosterman  
Kin Ho Ko  
Lung Sun Lee  
Paul Leung  
Eugene Lundrigan  
Leanne Lytle McLaughlan  
M. Melady  
Sandra Bronwen Munro  
Tomas R. Mureika  
Lori O'Neill  
Ka Lun Pang  
Anne Marie Rose  
Kathryn Irene Schade  
Marilyn Separovich  
Shawn Ray Silzer  
Alexandra Stuart-Smith  
Stephen P. Zaluski  
Wendy C. Ziai

**RCA Scholarship**

Laura Schening

**Peter Reilly Scholarship**

Laurie A. Dawson

**Roodman Award in Journalism**

Josephina D. Erzetic

**Annie Fraser Roy Scholarships**

Robert Bryan De Vidi  
Raymond Ian Ford  
Claudia V. Fuerst

**Jane and James Fraser Roy Scholarships**

David G. Anderson  
Katherine S. Bol  
Tim Kelton  
William H. Laurence

**J. Lansing Rudd Scholarships**

Donna Lynn Gray  
Deborah Ann Newman

**Department of Russian Undergraduate  
Award**

Sean MacKinnon

**Celia Ruygrok Memorial Scholarship**

Deborah M.F. Foran

**Jacques and Hélène Sabourin Memorial  
Scholarship**

Gordon T. Rose

**St. Patrick's College Scholarships**

Jacqueline M. Adderley  
Dean Thomas Goodwin  
Douglas Macklem

**Schlumberger Collegiate Award  
Scholarship**

Lung Sun Lee  
William McCormick

**Richard J. Semple Memorial Award in  
Mathematics**

Lones A. Smith

**Eric Sigurdson Award**

Jonathan L. Bosloy

**Kenneth Smith Memorial Award in  
Journalism**

Martha K. Badger

**Hyman Soloway Scholarship**

Wanda L. Slomiany

**Harry H. Southam Scholarship**

Penny A. Tantakis

**Spectrion Analysis of Trace Elements  
Inc. Scholarships in Physics**

Frank A. Hegmann  
Norm Henry  
Karen Pflug

**E.W.R. Steacie Scholarship**

Shelly L. Happy

**Ben and Mary Steinberg Foundation  
Scholarships**

Chadwick M. Boyko  
Sylvie Butler  
Hugh D. Johnston  
Sharon M. Rosenberg  
Christine Schwartz

**Harry Stevenson Scholarship in  
Aeronautical Engineering**

Mark A. Lawrysyn

## Book Awards

### **Irene Gertrude Stitt Scholarship Fund**

Heather Dian Callies  
Gary W. Pinder

### **Setsu Suzuki Scholarship**

Elaine Medline

### **Thomson Award for Reporting**

Monique M.L. Roy

### **Thorne, Riddell & Company Scholarships**

Peter J. Sheahan  
Greg D. Usher

### **Henry Marshall Tory Scholarship**

Harshad Telang

### **Touche, Ross & Company Scholarships**

Jonathan C. Garwood  
Bruce F. Sprague

### **Undergraduate In-Course Scholarships for Part-Time Students**

Susan Mary Arab  
Valerie Joyce Dorge  
Sandra E. Fawcett  
Pamela Ann Garner  
Ruth Kennedy  
Gail Christine Knox  
Cheryl Ledgerwood  
Lois Janet Lewycky  
Brenda Ivy Lipsett  
Susan Lynn Melville  
Mary Louise Montero  
Peter Sheahan  
Mary Sheehan  
Ena Anne Shmelzer

### **University In-Course Scholarships**

Randy L. Boswell  
Amanda J. Cashmore  
John B. Funston  
Valerie J. Howe  
Nawar Jabi  
Jana Palacek  
Paul A. Seale

### **University Women's Club of Ottawa Scholarships**

Margaret Rutherford Davidson  
Karen Jean Herring  
Carolyn Marie Sprott  
Deborah Brooks

### **Vered Foundation Scholarships**

Brian J. Humphreys

### **L.N. Wadlin Scholarship in Mathematics**

Sarah L. Rix

### **Wainwright Scholarships**

Jason Evan Camlot  
Monique Marie Roy

### **Jessie and Wreford Watson Award in Geography**

Karen Hanneson

### **R.A. Wendt Book Prize**

Feisal Mohamdee

### **James E. Whenham Award**

Lynn K. Pfeffer

### **Wilgar Memorial Award in English**

Patricia Eaton

### **Kenneth R. Wilson Memorial Award**

Murdock A. Thompson

### **Morley E. Wilson Scholarship**

Charles G. Dumaresq

### **Phyllis Wilson Award in Journalism**

Sharon M.P. Harper

### **Herbert I. Wolf Award**

Lisa B.R. Overall

### **Gordon J. Wood Scholarships in English**

Gary W. Pinder  
Maureen Van Dreumel

### **Susan Joan Wood Memorial Scholarship**

Jamie Zeppa

### **Hume Wrong Scholarship**

Jane Bayliff

### **Award of the Embassy of Austria**

John Paul Denew

### **Carswell Company Book Award in Public Law**

Brian Joseph Rolfes

### **Awards of the Embassy of France**

Susan Irene Cantin  
Bernadette Boivin

### **Awards of the Embassy of the Federal Republic of Germany**

Christine Cantin  
Adele Marina Wilding

### **Glengarry Book Prize**

Victor Sheung Shing Tai

### **Louis and Miriam Goldstein Book Award in Judaic Studies**

Tova Clark

### **Mr. and Mrs. Louis L. Goldstein Book Award in Law**

Eileen Genevieve De Verteuil

### **Award of the High Commission of India**

Michael Ruymar

### **Award of the Embassy of Italy**

Anna Maria Trecorce

### **F.K. North Award in Geology**

Paul MacRobbie

### **Ottawa Muslim Women's Auxiliary Book Award**

Andrew L. Arnold

### **Prince Memorial Achievement Award**

Bernd F. Reuther

### **Award of the Government of Quebec for Excellence in the Study of French**

Tara Rajan

### **Lawrence Segal Memorial Fund**

Sheila M. Day

### **Award of the Embassy of Spain**

Catherine M. Den Tandt

### **Awards of the Ambassador of Switzerland to Canada**

Patricia Frances Wilson  
Lorna Joan Meyer  
Laura Jayne Proudfoot



**Awards of the Embassy of the Union of  
Soviet Socialist Republics**

Anna Culhane





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